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## Portable Fencing Built To Last

Bison Tough Steel Jack Fence is specially-built portable livestock fencing. The steel fence is fireproof, tough, and easy to set up and take down.

There's no welding, bolting, or fabrication involved. The steel pipes simply slide together to form the fence.

The fence is supported by two steel bars welded together into an A-frame. The front of the frame is a heavy-duty 2 3/8-in. front bar and the back bar is the same size and thickness.

Three high-tensile inserts protrude from each side of the front leg. The inserts go inside a 1.9-in. steel pipe that runs parallel to the ground. The three parallel bars are what form the body of the fence.

The A-frame pipes are capped at the top to keep out insects and birds.

Bison Tough products are specifically built to withstand the harshest conditions, which is why they're used by agencies like the Bureau of Land Management and the U.S.

Forest Service.

Farmers in more remote areas may find wildlife making their way through the fenced-in areas. These fences are specifically designed to allow deer to jump over them and antelope to squeeze under them to keep them from getting stuck with your animals.

Farmers who live in areas that see wildfires will appreciate that the Bison Tough Steel Fence is fire-resistant. It's easy to take apart and move to different locations.

This fencing can be used for other applications like property permittees, equestrian facilities, rodeo arenas, and more.

Bison Pipe also offers gates ranging from 2 ft. up to 24 ft. wide. They come in various rail and height combinations.

Pricing varies based on desired footage.

Contact: FARM SHOW Followup, Les Carberry, Bison Pipe, 240 E. Frontage Rd., Jerome, Idaho 83338 (ph 800-764-7473; www.bisonpipe.com).

## Winch Drags Yard Debris Off Trailer

By Chad Smith, Contributing Editor

Peter Stack always has a lot of yard waste to clean at his home in South Kingstown, R.I. While he had a trailer to take the debris to a local transfer station, it wasn't easy to unload.

The trailer bed is 5 ft. high by 10 ft. long. "I pack thorny brambles onto the trailer as tightly as I can to minimize trips," he says.

That means it's difficult to unload the trailer when he arrives at the transfer site. The more packed in the brambles got, the easier they caught on the sides and the trailer's wooden floor. He had to pull them out by hand, which took a long time.

After a couple of ideas to make it easier didn't work, he got creative with ropes, pulleys, and block-and-tackles he had in his shop.

"I also had a crank winch from an old boat trailer," he says. "I put the winch in place at the tongue end of the trailer. That was pulling towards me, so I had to reverse the pull.

"I put a heavy-duty pulley at the back end of the trailer," Stack says. "The rope went down to the pulley at that end and came back toward me."

Stack added a couple of pieces of steel that were essentially in the shape of a "backward-leaning L." That L sat at the end of the trailer floor closest to the crank.

"That rope came back from the far pulley through a pvc tube so it wouldn't catch on the brush," he says. "The rope from the boat winch was still exposed. I was delighted with how well this worked."

He said everything moved to the end of the trailer and pushed out to the ground as he wanted. Plus, it didn't take long to put his idea together.

Just before the rope came up into the boat winch, he added another pulley to guide that rope from the floor of the trailer up to the winch. This kept it from pulling the conduit off the floor of the bed.



Stack uses the winch and pulleys to move brush from his trailer.



The rope pulls an L-shaped metal bracket to the back of the trailer. As he loads the trailer, he packs the brush around the upright bracket.

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"It more than doubles the capacity of the (1/2 cu. yd.) bucket." Tucker says, for light loads such as snow, sawdust, and wood shavings. "And by using the mesh, I can easily see through it for driving and loading and safely look over or under it when it's loaded."

## Add-On Screen Doubles Bucket Capacity

As a heavy equipment operator in Wasilla, Alaska, Dan Tucker has plenty of experience moving snow and other material with his skid steer bucket. This past winter was especially challenging with two big snow dumps and 50 to 75 mph winds that created huge drifts. He spent 24 hrs. over 4 days plowing out his driveway as well as his neighbors. But, when frozen chunks of snow rolled off the back of the bucket and broke his skid steer's windshield twice this past winter, he had to do something.

"I happened to have gravel screen with 1/4-in. rod and 1/2-in. holes," he says.

He cut the back piece about 16 in. tall with a grinder and welded four 3 by 3 by 1/4-in. angle iron pieces on the bottom and bolted them through holes he drilled in the bucket. With that in place, he made cardboard templates for both sides. After cutting them out of the screen, he clamped the sides to the back and welded them together with

angle iron.

He welded two flat 3-in. iron pieces along the bottom of the screen sides that overlap halfway on the bucket and secured each with a bolt near the bottom of the bucket. A V-cap on the top of the screen covers the sharp edges and adds rigidity and strength.

Weighing about 100 lbs., and with just six bolts, Tucker can easily take it off or put it on his skid steer in 5 min. or less.

"It more than doubles the capacity of the (1/2 cu. yd.) bucket," Tucker says, for light loads such as snow, sawdust, and wood shavings. "And by using the mesh, I can easily see through it for driving and loading and safely look over or under it when it's loaded."

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## Facebook Group Features "Made It Myself" Equipment

If you're on Facebook, check out Homemade Farm Equipment (HFE). With more than 107,000 members and posts featuring all kinds of "made it myself" equipment, it's about as close to FARM SHOW as anything we've seen. In fact, it's been the source for several FARM SHOW stories, and FARM SHOW was the original inspiration for HFE founder Jesse Henderson.

"My dad was a subscriber to FARM SHOW from the time it started, and it was my favorite magazine growing up," says Henderson, a North Dakota farmer and tractor collector. "I always enjoyed the homemade tractors featured in FARM SHOW, and it was my inspiration when I decided to start a website called homemadetractors.com."

Henderson's interest in homemade tractors runs deep. He owns multiple homemade tractors, including four that originated in North Dakota. Several are in restoration, and he's building a small 4-WD tractor himself.

One reason for the website was to connect with other fans of homemade tractors and collect information about them for a future book. To date, he's identified around 100 homemade tractors, including several from Australia and other countries around the world.

Eventually, Henderson expanded to a Homemade Tractors group on Facebook. Always intrigued by homemade farm equipment and recognizing it would appeal to a broader audience, he started HFE. It quickly exploded.

"Initially, my websites allowed people to leave comments, but it didn't take long before companies were pushing service, and it got to be a headache," says Henderson. "Facebook is much easier to work with. My wife Suzie is experienced with computers and built the pages and helped me start running them. We



try to limit things for sale. We're not a buy-and-sell group."

Henderson gives a lot of credit for the site's quality posts to a member and friend who volunteered to help administer the site. "He's young and good with social media," says Henderson. "He noticed a lot of scammers getting in. Between the three of us, we check each post, and it doesn't take long to get a post approved."

One of the things FARM SHOW staff really appreciate about the group page is the comments, questions and answers that follow a post. "It happens pretty frequently where people want more details," says Henderson. "I think it's really useful for those working through their own projects."

Henderson hopes to keep both his websites and the two Facebook groups going. How long depends on the interest in them that he sees. "As long as people appreciate and utilize them, we'll keep them going," he says.

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